Author-Title Index

Alberdi, A., see Krichbaum, T.P., et al. **237**, 3

Arlot, J.-E.: The mutual phenomena of the Galilean satellites of Jupiter: predictions for the 1991 occurrence **237**, 259

Aschwanden, M.J.: The saturation of the electron-cyclotron maser instability and the interpretation of solar millisecond spikes **237**, 512

Augusteijn, T., see Ögelman, H., et al. **237**, L9

Baas, F., see Israel, F.P., et al. **237**, 17

Bachiller, R., see Fuente, A., et al. **237**, 471

Bässgen, M., Diesch, C., Grewing, M.: A three-dimensional ionisation model of the planetary nebula NGC 3132 **237**, 201

Balkowski, C., see Kazès, I., et al. **237**, L1

Balthasar, H., Wiehr, E.: Oscillations of Evershed velocities and asymmetries **237**, 243

Band, I.M., Trzhaskovskaya, M.B., Verner, D.A., Yakovlev, D.G.: K-shell photoionization cross sections: calculations and simple fitting formulae **237**, 267

Barbon, R., Benetti, S., Cappellaro, E., Rosino, L., Turatto, M.: Type Ia supernova 1989 B in NGC 3627 **237**, 79

Bartel, N., see Krichbaum, T.P., et al. **237**, 3

Benetti, S., see Barbon, R., et al. **237**, 79

Bianchini, A., see Maceroni, C., et al. **237**, 395

Bodenheimer, P., see Tenorio-Tagle, G., et al. **237**, 207

Böhm, K.H., see Eislöffel, J., et al. **237**, 369

Booth, R.S., see Krichbaum, T.P., et al. **237**, 3

Boulanger, F., see Désert, F.-X., et al. **237**, 215

Brinkmann, W., Massaglia, S., Müller, E.: Thermal instabilities in cooling flows: the evolution of nearly spherical perturbations **237**, 536

Broglia, P., Manara, A.: A search for rotational variations in the optical polarization of 3 Juno and 7 Iris **237**, 256

Burke, B.F., see Krichbaum, T.P., et al. **237**, 3

Burki, G., see Gillet, D., et al. **237**, 159

Caimmi, R., Secco, L.: Special sequences of two-component, concentric and copolar homogeneous spheroids with rotation **237**, 336

Capaccioli, M., see Corradi, R.L.M. **237**, 36

Cappellaro, E., see Barbon, R., et al. **237**, 79

Cassatella, A., see González-Riestra, R., et al. **237**, 385

Cernicharo, J., see Fuente, A., et al. **237**, 471

Cerruti, M.A., see Marton, S.F., et al. **237**, 73

Chan, S.J., Kwok, S.: Evolution of infrared carbon stars **237**, 354

Claria, J.J., see Marton, S.F., et al. **237**, 73

Combes, F., see Kazès, I., et al. **237**, L1

Comins, N.F., Shore, S.N.: Numerical simulations of nonequilibrium stochastic evolution of disk galaxies **237**, 345

Comte, G., see Sivan, J.-P., et al. **237**, 23

Corradi, R.L.M., Capaccioli, M.: Does the dark component influence the shape of the inner rotation curves of spiral galaxies? **237**, 36

Damen, E., Magnier, E., Lewin, W.H.G., Tan, J., Penninx, W., van Paradijs, J.: X-ray bursts with photospheric radius expansion and the gravitational redshift of neutron stars **237**, 103

David, P., Papoular, R.: The circumstellar silicate dust as seen by IRAS. I. Opacity and temperature **237**, 425

Défourneau, D., see Verstraete, L., et al. **237**, 436

Deiss, B.M., see Jacobi, S., et al. **237**, 461

del Olmo, A., see Perea, J., et al. **237**, 319

Désert, F.-X., Boulanger, F., Puget, J.L.: Interstellar dust models for extinction and emission **237**, 215

Dhawan, V., see Krichbaum, T.P., et al. **237**, 3

d'Hendecourt, L., see Verstraete, L., et al. **237**, 436

Diesch, C., see Bässgen, M., et al. **237**, 201

Dravins, D., Lindegren, L., Torkelsson, U.: The rotationally broadened line profiles of Sirius **237**, 137

Dung, R., Schlickeiser, R.: The role of Alfvénic magnetic and cross helicity in solar cosmic ray transport **237**, 504

Duquennoy, A., see Gillet, D., et al. **237**, 159

Dutuit, O., see Verstraete, L., et al. **237**, 436

Eislöffel, J., Solf, J., Böhm, K.H.: Emission-line spectrophotometry of the pre-main-sequence star AS 353A **237**, 369

Fernández-Castro, T., see González-Riestra, R., et al. **237**, 385

Fernández, J.A., see Rickman, H., et al. **237**, 524

Ferrari-Toniolo, M., see Persi, P., et al. **237**, 153

Fuente, A., Martín-Pintado, J., Cernicharo, J., Bachiller, R.: Ammonia observations around Herbig stars: the adjacent zone to the photodissociation region in NGC 7023 **237**, 471

Fukui, Y., see Tatematsu, K., et al. **237**, 189

Gillet, D., Burki, G., Duquennoy, A.: The pulsation of the photosphere of the RV Tauri stars: AC Herculis and R Scuti **237**, 159

González-Riestra, R., Cassatella, A., Fernández-Castro, T.: The UV variability of BF Cygni **237**, 385

Gouiffes, C., see Ögelman, H., et al. **237**, L9

Graham, D.A., see Krichbaum, T.P., et al. **237**, 3

Gregory, A.G., Patterson, J.R., Roberts, M.D., Smith, N.I., Thornton, G.J.: Observations of Cygnus X-3 near 100 TeV using the low elevation atmospheric Cherenkov technique **237**, L5

Grewing, M., see Bässgen, M., et al. **237**, 201

Grieco, A., see Marton, S.F., et al. **237**, 73

Author-Title Index

Alberdi, A., see Krichbaum, T.P., et al. **237**, 3

Arlot, J.-E.: The mutual phenomena of the Galilean satellites of Jupiter: predictions for the 1991 occurrence **237**, 259

Aschwanden, M.J.: The saturation of the electron-cyclotron maser instability and the interpretation of solar millisecond spikes **237**, 512

Augusteijn, T., see Ögelman, H., et al. **237**, L9

Baas, F., see Israel, F.P., et al. **237**, 17

Bachiller, R., see Fuente, A., et al. **237**, 471

Bässgen, M., Diesch, C., Grewing, M.: A three-dimensional ionisation model of the planetary nebula NGC 3132 **237**, 201

Balkowski, C., see Kazès, I., et al. **237**, L1

Balthasar, H., Wiehr, E.: Oscillations of Evershed velocities and asymmetries **237**, 243

Band, I.M., Trzhaskovskaya, M.B., Verner, D.A., Yakovlev, D.G.: K-shell photoionization cross sections: calculations and simple fitting formulae **237**, 267

Barbon, R., Benetti, S., Cappellaro, E., Rosino, L., Turatto, M.: Type Ia supernova 1989 B in NGC 3627 **237**, 79

Bartel, N., see Krichbaum, T.P., et al. **237**, 3

Benetti, S., see Barbon, R., et al. **237**, 79

Bianchini, A., see Maceroni, C., et al. **237**, 395

Bodenheimer, P., see Tenorio-Tagle, G., et al. **237**, 207

Böhm, K.H., see Eislöffel, J., et al. **237**, 369

Booth, R.S., see Krichbaum, T.P., et al. **237**, 3

Boulanger, F., see Désert, F.-X., et al. **237**, 215

Brinkmann, W., Massaglia, S., Müller, E.: Thermal instabilities in cooling flows: the evolution of nearly spherical perturbations **237**, 536

Broglia, P., Manara, A.: A search for rotational variations in the optical polarization of 3 Juno and 7 Iris **237**, 256

Burke, B.F., see Krichbaum, T.P., et al. **237**, 3

Burki, G., see Gillet, D., et al. **237**, 159

Caimmi, R., Secco, L.: Special sequences of two-component, concentric and copolar homogeneous spheroids with rotation **237**, 336

Capaccioli, M., see Corradi, R.L.M. **237**, 36

Cappellaro, E., see Barbon, R., et al. **237**, 79

Cassatella, A., see González-Riestra, R., et al. **237**, 385

Cernicharo, J., see Fuente, A., et al. **237**, 471

Cerruti, M.A., see Marton, S.F., et al. **237**, 73

Chan, S.J., Kwok, S.: Evolution of infrared carbon stars **237**, 354

Claria, J.J., see Marton, S.F., et al. **237**, 73

Combes, F., see Kazès, I., et al. **237**, L1

Comins, N.F., Shore, S.N.: Numerical simulations of nonequilibrium stochastic evolution of disk galaxies **237**, 345

Comte, G., see Sivan, J.-P., et al. **237**, 23

Corradi, R.L.M., Capaccioli, M.: Does the dark component influence the shape of the inner rotation curves of spiral galaxies? **237**, 36

Damen, E., Magnier, E., Lewin, W.H.G., Tan, J., Penninx, W., van Paradijs, J.: X-ray bursts with photospheric radius expansion and the gravitational redshift of neutron stars **237**, 103

David, P., Papoular, R.: The circumstellar silicate dust as seen by IRAS. I. Opacity and temperature **237**, 425

Défourneau, D., see Verstraete, L., et al. **237**, 436

Deiss, B.M., see Jacobi, S., et al. **237**, 461

del Olmo, A., see Perea, J., et al. **237**, 319

Désert, F.-X., Boulanger, F., Puget, J.L.: Interstellar dust models for extinction and emission **237**, 215

Dhawan, V., see Krichbaum, T.P., et al. **237**, 3

d'Hendecourt, L., see Verstraete, L., et al. **237**, 436

Diesch, C., see Bässgen, M., et al. **237**, 201

Dravins, D., Lindegren, L., Torkelsson, U.: The rotationally broadened line profiles of Sirius **237**, 137

Dung, R., Schlickeiser, R.: The role of Alfvénic magnetic and cross helicity in solar cosmic ray transport **237**, 504

Duquennoy, A., see Gillet, D., et al. **237**, 159

Dutuit, O., see Verstraete, L., et al. **237**, 436

Eislöffel, J., Solf, J., Böhm, K.H.: Emission-line spectrophotometry of the pre-main-sequence star AS 353A **237**, 369

Fernández-Castro, T., see González-Riestra, R., et al. **237**, 385

Fernández, J.A., see Rickman, H., et al. **237**, 524

Ferrari-Toniolo, M., see Persi, P., et al. **237**, 153

Fuente, A., Martín-Pintado, J., Cernicharo, J., Bachiller, R.: Ammonia observations around Herbig stars: the adjacent zone to the photodissociation region in NGC 7023 **237**, 471

Fukui, Y., see Tatematsu, K., et al. **237**, 189

Gillet, D., Burki, G., Duquennoy, A.: The pulsation of the photosphere of the RV Tauri stars: AC Herculis and R Scuti **237**, 159

González-Riestra, R., Cassatella, A., Fernández-Castro, T.: The UV variability of BF Cygni **237**, 385

Gouiffes, C., see Ögelman, H., et al. **237**, L9

Graham, D.A., see Krichbaum, T.P., et al. **237**, 3

Gregory, A.G., Patterson, J.R., Roberts, M.D., Smith, N.I., Thornton, G.J.: Observations of Cygnus X-3 near 100 TeV using the low elevation atmospheric Cherenkov technique **237**, L5

Grewing, M., see Bässgen, M., et al. **237**, 201

Grieco, A., see Marton, S.F., et al. **237**, 73

Gustafson, B.Å.S., see Rickman, H., et al. **237**, 524
Gutierrez, F., see Ögelman, H., et al. **237**, L9
Hanuschik, R.W.: Observation of a very narrow Hα feature close to SN 1987 A **237**, 12
Harmanec, P.: A consistent set of physical elements for the B6-8II + B0V:e binary β Lyrae **237**, 91
Hasinger, G., see Ögelman, H., et al. **237**, L9
He, Y.P., see Zhao, J.L. **237**, 54
Hendry, M.A., Simmons, J.F.L.: Bias of cosmological distance estimators **237**, 275
Hirabayashi, H., see Krichbaum, T.P., et al. **237**, 3
Holweger, H., see Stürenburg, S. **237**, 125
Hummel, C.A., see Krichbaum, T.P., et al. **237**, 3
Ibáñez, J.M^a., see Miralles, J.A., et al. **237**, 97
Inoue, M., see Krichbaum, T.P., et al. **237**, 3
Israel, F.P., Baas, F., Maloney, P.R.: CO $J=2-1$ observations of the central region of NGC 3628 **237**, 17
Jacobi, S., Just, A., Deiss, B.M., Kegel, W.H.: The influence of a magnetic field on velocity fluctuations in the interstellar medium **237**, 461
Johnston, K.J., see Krichbaum, T.P., et al. **237**, 3
Just, A., see Jacobi, S., et al. **237**, 461
Kazès, I., Proust, D., Mirabel, L.F., Combes, F., Balkowski, C., Martin, J.M.: Violent motions in starburst galaxies: the OH megamaser in IRAS 10039-3338 **237**, L1
Kegel, W.H., see Jacobi, S., et al. **237**, 461
Klein, U., see Völk, H.J., et al. **237**, 21
Krichbaum, T.P., Booth, R.S., Kus, A.J., Rönnäng, B.O., Witzel, A., Graham, D.A., Pauliny-Toth, I.I.K., Quirrenbach, A., Hummel, C.A., Alberdi, A., Zensus, J.A., Johnston, K.J., Spencer, J.H., Rogers, A.E.E., Lawrence, C.R., Readhead, A.C.S., Hirabayashi, H., Inoue, M., Morimoto, M., Dhawan, V., Bartel, N., Shapiro, I.I., Burke, B.F., Marcaide, J.M.: 43 GHz-VLBI observations of 3C 273 after a flux density outburst in 1988 **237**, 3
Kus, A.J., see Krichbaum, T.P., et al. **237**, 3
Kwok, S., see Chan, S.J. **237**, 354
Kwok, S., see Zhang, C.Y. **237**, 479
Landecker, T.L., see Tatematsu, K., et al. **237**, 189
Lapasset, E., see Marton, S.F., et al. **237**, 73
Lawrence, C.R., see Krichbaum, T.P., et al. **237**, 3
Léger, A., see Verstraete, L., et al. **237**, 436
Leroy, J.L.: Broad-band polarization in crowded spectra **237**, 237
Lewin, W.H.G., see Damen, E., et al. **237**, 103
Lindegren, L., see Dravins, D., et al. **237**, 137
Maceroni, C., Bianchini, A., Rodonò, M., Van 't Veer, F., Vio, R.: Magnetic cycles in solar-type single and close binary stars **237**, 395
Magnier, E., see Damen, E., et al. **237**, 103
Maloney, P.R., see Israel, F.P., et al. **237**, 17
Manara, A., see Broglia, P. **237**, 256
Marcaide, J.M., see Krichbaum, T.P., et al. **237**, 3
Marenzi, A., see Persi, P., et al. **237**, 153
Marti, J.M^a., see Miralles, J.A., et al. **237**, 97
Martín-Pintado, J., see Fuente, A., et al. **237**, 471
Martin, J.M., see Kazès, I., et al. **237**, L1
Marton, S.F., Grieco, A., Lapasset, E., Sistero, R.F., Claria, J.J., Cerruti, M.A.: RS Indi: a photometric analysis using the grid technique **237**, 73
Massaglia, S., see Brinkmann, W., et al. **237**, 536
Maucherat, A.J., see Sivan, J.-P., et al. **237**, 23
Mayor, M., see Mermilliod, J.-C. **237**, 61
Maza, J., see Peña, M., et al. **237**, 454
Mégessier, C., see Monier, R. **237**, 402
Melnick, J., see Ögelman, H., et al. **237**, L9
Mermilliod, J.-C., Mayor, M.: Red giants in open clusters. III. Binarity and stellar evolution in five intermediate-age clusters: NGC 2360, 2423, 5822, 6811 and IC 4756 **237**, 61
Mirabel, L.F., see Kazès, I., et al. **237**, L1
Miralles, J.A., Ibáñez, J.M^a., Marti, J.M^a., Pérez, A.: Incompressibility of hot nuclear matter and general relativistic stellar collapse **237**, 97
Mitra, B., Rana, N.C.: Search for tidal periodicities in the Earth's speed of diurnal rotation **237**, 247
Moles, M., see Perea, J., et al. **237**, 319
Monier, R., Mégessier, C.: LTE analysis of the far-ultraviolet variations of 21 Comae **237**, 402
Morimoto, M., see Krichbaum, T.P., et al. **237**, 3
Müller, E., see Brinkmann, W., et al. **237**, 536
Ögelman, H., Gouiffes, C., Augusteijn, T., Pedersen, H., Gutierrez, F., Hasinger, G., Melnick, J., Pietsch, W., Santini, C.: Search for the optical signatures of a pulsar in SN 1987 A **237**, L9
Papoular, R., see David, P. **237**, 425
Patterson, J.R., see Gregory, A.G., et al. **237**, L5
Pauldrach, A.W.A., Puls, J.: Radiation-driven winds of hot luminous stars. VIII. The bistable wind of the luminous blue variable P Cygni (B1 Ia$^+$) **237**, 409
Pauliny-Toth, I.I.K., see Krichbaum, T.P., et al. **237**, 3
Pedersen, H., see Ögelman, H., et al. **237**, L9
Penninx, W., see Damen, E., et al. **237**, 103
Peña, M., Ruíz, M.T., Torres-Peimbert, S., Maza, J.: A newly discovered carbon-poor planetary nebula: PN 242-37.1 **237**, 454
Perea, J., del Olmo, A., Moles, M.: Mass estimation for systems of galaxies **237**, 319
Pérez, A., see Miralles, J.A., et al. **237**, 97
Persi, P., Ferrari-Toniolo, M., Shivanandan, K., Ranieri, M., Marenzi, A.: Infrared photometry up to 34 μm of the type II OH/IR sources OH 127.8−0.0 and OH 345.0+15.7 **237**, 153
Petit, H., see Sivan, J.-P., et al. **237**, 23
Pietsch, W., see Ögelman, H., et al. **237**, L9
Polfliet, R., Smeyers, P.: Dynamic tides in stars as forced isentropic oscillations and their effects on free oscillations **237**, 110
Proust, D., see Kazès, I., et al. **237**, L1
Ptuskin, V.S., Soutoul, A.: Cosmic rays in the cloudy interstellar medium: production of secondary nuclei **237**, 445
Puget, J.L., see Désert, F.-X., et al. **237**, 215
Puls, J., see Pauldrach, A.W.A. **237**, 409
Qiao, G.J., see Zhai, D.S., et al. **237**, 148
Quirrenbach, A., see Krichbaum, T.P., et al. **237**, 3
Rana, N.C., see Mitra, B. **237**, 247
Ranieri, M., see Persi, P., et al. **237**, 153
Readhead, A.C.S., see Krichbaum, T.P., et al. **237**, 3
Rhee, G.F.R.N., see van Kampen, E. **237**, 283
Rickman, H., Fernández, J.A., Gustafson, B.Å.S.: Formation of stable dust mantles on short-period comet nuclei **237**, 524
Roberts, M.D., see Gregory, A.G., et al. **237**, L5
Rodonò, M., see Maceroni, C., et al. **237**, 395
Rönnäng, B.O., see Krichbaum, T.P., et al. **237**, 3
Roger, R.S., see Tatematsu, K., et al. **237**, 189
Rogers, A.E.E., see Krichbaum, T.P., et al. **237**, 3
Rosino, L., see Barbon, R., et al. **237**, 79

Różyczka, M., see Tenorio-Tagle, G., et al. **237**, 207
Ruíz, M.T., see Peña, M., et al. **237**, 454
Santini, C., see Ögelman, H., et al. **237**, L9
Sauvage, M., Thuan, T.X., Vigroux, L.: The effects of stellar age and metallicity on the infrared emission in the Magellanic Clouds **237**, 296
Scheurwater, R.: Geometrical mode coupling and wave propagation in cold non-uniform magnetoplasmas **237**, 545
Schild, H., Smith, L.J., Willis, A.J.: Optical spectroscopy of WR stars in M 33 and M 31 **237**, 169
Schlickeiser, R., see Dung, R. **237**, 504
Schneider, P., Wambsganss, J.: Are the broad emission lines of quasars affected by gravitational microlensing? **237**, 42
Secco, L., see Caimmi, R. **237**, 336
Shapiro, I.I., see Krichbaum, T.P., et al. **237**, 3
Shivanandan, K., see Persi, P., et al. **237**, 153
Shore, S.N., see Comins, N.F. **237**, 345
Siah, M.J.: Models for diffusion of poloidal fields in extragalactic radio jets **237**, 329
Simmons, J.F.L., see Hendry, M.A. **237**, 275
Sistero, R.F., see Marton, S.F., et al. **237**, 73
Sivan, J.-P., Petit, H., Comte, G., Maucherat, A.J.: Optical HII regions in NGC 2403 **237**, 23
Smeyers, P., see Polfliet, R. **237**, 110
Smith, L.J., see Schild, H., et al. **237**, 169
Smith, N.I., see Gregory, A.G., et al. **237**, L5
Soleng, H.H.: Cosmology of an isotropic collisionless gas **237**, 1
Solf, J., see Eislöffel, J., et al. **237**, 369
Soutoul, A., see Ptuskin, V.S. **237**, 445
Spencer, J.H., see Krichbaum, T.P., et al. **237**, 3
Stürenburg, S., Holweger, H.: Statistical equilibrium and photospheric abundance of carbon in the Sun and in Vega **237**, 125
Stüwe, J.A.: Structural analysis of dark clouds by automatic star-counts. I. Principle method and preliminary results **237**, 178
Szczerba, R.: A distance-independent test of planetary nebulae nuclei evolution **237**, 495
Tan, J., see Damen, E., et al. **237**, 103
Tatematsu, K., Fukui, Y., Landecker, T.L., Roger, R.S.: The interaction of the supernova remnant HB 21 with the interstellar medium: CO, HI, and radio continuum observations **237**, 189
Tenorio-Tagle, G., Różyczka, M., Bodenheimer, P.: The hydrodynamics of superstructures produced by multi-supernova explosions **237**, 207
Thornton, G.J., see Gregory, A.G., et al. **237**, L5
Thuan, T.X., see Sauvage, M., et al. **237**, 296
Torkelsson, U., see Dravins, D., et al. **237**, 137
Torres-Peimbert, S., see Peña, M., et al. **237**, 454
Trzhaskovskaya, M.B., see Band, I.M., et al. **237**, 267
Turatto, M., see Barbon, R., et al. **237**, 79
van Kampen, E., Rhee, G.F.R.N.: Orientation of bright galaxies in Abell clusters **237**, 283
van Paradijs, J., see Damen, E., et al. **237**, 103
Van 't Veer, F., see Maceroni, C., et al. **237**, 395
Verner, D.A., see Band, I.M., et al. **237**, 267
Verstraete, L., Léger, A., d'Hendecourt, L., Dutuit, O., Défourneau, D.: Ionization cross-section measurements for two PAH molecules: implications for the heating of diffuse interstellar gas **237**, 436
Vigroux, L., see Sauvage, M., et al. **237**, 296
Vio, R., see Maceroni, C., et al. **237**, 395
Völk, H.J., Klein, U., Wielebinski, R.: M 82 and the minimum energy assumption for magnetic fields of galaxies **237**, 21
Wallinder, F.H.: Stability properties of an isothermal accretion disk **237**, 270
Wambsganss, J., see Schneider, P. **237**, 42
Wiehr, E., see Balthasar, H. **237**, 243
Wielebinski, R., see Völk, H.J., et al. **237**, 21
Willis, A.J., see Schild, H., et al. **237**, 169
Witzel, A., see Krichbaum, T.P., et al. **237**, 3
Yakovlev, D.G., see Band, I.M., et al. **237**, 267
Zensus, J.A., see Krichbaum, T.P., et al. **237**, 3
Zhai, D.S., Qiao, G.J., Zhang, X.Y.: An analysis of basic parameters and spot activities of the solar-type binary system BH Virginis **237**, 148
Zhang, C.Y., Kwok, S.: IRAS spectroscopic observations of young planetary nebulae **237**, 479
Zhang, X.Y., see Zhai, D.S., et al. **237**, 148
Zhao, J.L., He, Y.P.: An improved method for membership determination of stellar clusters with proper motions with different accuracies **237**, 54